Tables of Contents and Abstracts are listed on the Internet.

Author Index

Anderson, Michael J. 250
Arcand-Hoy, Lisa D. 408
Auer, Martin T. 366
Babcock-Jackson, Lisa 241
Baedke, Steven J. 416
Bailey, Robert C. 272
Baird, Owen E. 141
Baker, Joel E. 196
Barron, Mace G. 250
Bennett, Erin R. 55
Bertram, Paul 82
Bloomfield, Jay A. 366
Boudreau, Paul 384
Brandt, Stephen B. 235
Breneman, Dan 287
Brittain, Scott M. 241
Brooks, Carol M. 366
Brownlee, Brian 315
Bunt, Christopher M. 482
Burton, Thomas M. 460
Cacela, Dave 250
Cairns, Victor W. 74
Carmichael, Wayne W. 241
Cooke, Steven J. 482
Culver, David A. 241
Curran, Kristian J. 18
Dahl, Julie A. 31
de Anda, Jose 129
Denslow, Nancy 250
Dermott, Ron 31
DeSorcie, Timothy J. 427
Diana, James S. 340
Dikkeboom, Audrey L. 250
DiMaio, Joanne 445
Droppo, Ian G. 18
Edgington, David N. 323
Effler, Steven W. 366
Eisenreich, Steven J. 220
Elliott, Robert F. 427
Epplett, Terra D. 65
Fahnenstiel, Gary L. 357
Fanslow, David L. 402
Fitzsimons, John D. 74, 489
Ford, John E. 94
Franz, Thomas P. 220
Gewurtz, Sarah 65
Gossiaux, Duane C. 402
Graham, Donna M. 31
Haas, Robert C. 340
Haffner, G. Douglas 55, 65
Hawley, Nathan 408
Hinton, David E. 250
Holey, Mark 250
Howell, E. Todd 272
Irvine, Kim N. 18
Jepsen, Rich 209
Johannsson, Ora E. 31
Johnson, David L. 366
Jones, Michael L. 355
Kashian, Donna R. 460
Kelso, John R.M. 1
Kilgour, Bruce W. 272
Krueger, Charles C. 141
Landrum, Peter F. 402
Lazar, Rodica 65
Lean, David R.S. 315
LeBlanc, Jennifer 31
Leclerc, Michel 384
Lewis, Theodore W. 82
Lick, Wilbert 209
Lipton, Josh 250
Lockhart, W. Lyle 3
Lofgren, Brent M. 305
Lonzarich, David G. 94
Lossing, Ryan D. 183
Lozano, Stephen 287
Luttenton, Mark 357
MacEachen, D. Cameron 112
Mackie, Gerald 445
Madenjian, Charles P. 427
Makarewicz, Joseph C. 82
Maniak, Peter J. 183
Maniak, Ulrich 129
Matisoff, Gerald 174
Matthews, David A. 366
McKinley, R. Scott 482
McNeil, Joe 209
Metcalfe, Chris D. 55, 408
Metcalfe, Tracy L. 55
Metcalfe-Smith, Janice L. 445
Millard, E. Scott 31
Miller, Michael A. 102
Minns, Charles K. 1
Morin, Jean 384
Muir, Derek C.G. 3
Murphy, Thomas P. 18
Muzinic, Christopher J. 352
Myles, Debra D. 31
Nalepa, Thomas F. 235, 402
O'Connor, Daniel V. 427
Offenberg, John H. 196
Ohrazda, Nicholas K. 366
Owens, Randall W. 164
Perkins, Mary Gail 366
Pothoven, Steven A. 235, 357
Pronin, Nikolai M. 164
Quinn, Scott A. 366
Rawn, Dorothea F.K. 3
Richards, Carl 287
Ridal, Jeffrey J. 315
Riedel, Gerhard 129
Rinehart, Kenneth L. 241
Rosenberg, G. Bruno 3
Rossmann, Ronald 323
Rottiers, Donald V. 427
Russell, Ronald W. 112
Savoie, Dan A. 3
Schaeffer, Jeffrey S. 340
Schram, Stephen T. 102
Secretan, Yves 384
Shear, Harvey 129
Skafel, Michael G. 120
Smith, Daniel W. 152
Sorensen, Peter W. 183
Staton, Shawn K. 445
Stedman, Ralph M. 427
Teh, Swee J. 250
Thompson, Todd A. 416
Tillitt, Donald E. 250
Vanderploeg, Henry A. 357
Wang, Jim 241
Wang, Xiaosong 174
Whittle, D. Michael 112
Wilkinson, Paul 3
Williston, T. William 489
Zelikoff, Judith T. 250
Zhu, Yongchun 305

Subject Index

AEOLOS 196
age 164
alarm 183
alewife 427
atmospheric deposition 196
attraction 482
avoidance/preference testing 402
benthic communities 340
benthic community index 272
benthic macroinvertebrates 287
benthos 31, 174, 272
bioaccumulation 102, 112
biodiversity 445
biomarker 250, 408
bioturbation 174
Black River 408
bloater 427
brown bullhead 408
cancer 250
chironomid 174
circumpolar growth standard 164
clays 366
climate 305
coal pile runoff 18
coho salmon 94, 427
contaminants 287
Cootes Paradise 120
cyanobacteria 241
damming 384
Daphnia 352
DDE 112
DDT 3
declines 152
deepwater sculpin 427
density 209
Detroit River 55
Diporeia spp. 402
disease 74
dredging 287, 384
Dreissena 31, 82
ecological changes 340
eggs 489
emergence 141
energy budget 305
erosion 209
Esox lucius 164
eutrophication 129
exchange flows 120
exotic 352
fish 31
fish bioenergetics 427
fish diets 235
fishways (Denil) 482
flux 3
freshwater mussels 445
fugacity gradients 65
gas 209
geosmin 315
Grand River 209, 445
Great Lakes 141, 152, 305
Green Bay 250, 323
growth 164
Gymnocephalus cernuus 183
Hamilton Harbour 18, 120, 408
HCH 3
Hexagenia 340
histopathology 250
Holocene 416
hydrodynamic modeling 384
hydrologic balance 129
index of biological integrity 460
integrated pest management 183
isostasy 416
juvenile survival 94
Lake Baikal 164
Lake Champlain 366
Lake Chapala 129
Lake Erie 65, 82, 174, 241, 352, 408, 482
Lake Huron 460
lake level 416
Lake Michigan 196, 235, 357, 402, 416, 427
Lake Ontario 272, 315, 408
Lake Saint-François 384
Lake Superior 94, 102, 152, 220, 287, 495
lake trout 74, 141, 427, 489
larva 174
larval fish 141
lean lake trout 102
length-weight relations 164
Lerma-Chapala-Santiago basin 129
lipid concentrations 427
longitudinal gradients 366
macroinvertebrates 460
marshes 460
mayfly 174
medaka 55
mercury 112, 323
metrics 460
MIB 315
microcystin 241
Microcystis aeruginosa 241
micronuclei 408
models 152
monitoring 460
Mysis relicta 357
nutrient chemistry 82
olfaction 183
Oncorhynchus kisutch 94
optical properties 366
organochlorine pesticides 102
organochlorines 55
PAH 55,196, 220
particle mixing 174
PCB 3, 55, 65,112, 196, 220, 250
pheromone 183
phosphorus balance 129
phytoplankton 82
pike 164
planktivory 31
plankton 65
polychlorinated biphenyls 102
polynuclear aromatic hydrocarbons (PAHs) 18
POPs 3
population decline 402
population dynamics 357
predation 141
production 31
radiotelemetry 482
rainbow smelt 427
recruitment 74
reproduction 74
restoration 489
ruffe 183
Saginaw Bay 340
sea lamprey 112
sediment 3, 55, 152, 209, 287
sediment resuspension 495
sediment transport 495
Severe Effect Level (SEL) 18
siscowet 102
slimy sculpin 427
snow 220
SPMDs 55

St. Lawrence River 315, 384
steady-state 152
Stizostedion vitreum 482
sub-tropical species 352
surface energy flux 305
surface water 196
surficial sediments 323
survey 272
suspended sediment 18
swim bladder 141
taste and odor compounds 315
terrigenous inputs 366
testes 74
toxaphene 112
toxicity bioassay 402
trace metals 18
trends 272
trophic state 366
tumors 250
Unionidae 445
upstream passage 482
walleye 250, 482
water quality trends 445
wetland 460
winter 196
winter ecology 94
yellow perch 235, 340
zooplankton 31, 196, 352, 357